Original/Duplicate/Triplicate
CONTRACT CERTIFICATE

No. ***First & Final Bill*** (For Other Works) Date.....2019

Division: **BBMP, Byatarayanapura** Sub-Division: **BBMP, Vidyarnyapura**

Bill Received No. Dated Divisional Cash Book Voucher No..... Dated.....
Sub Divisional **Work Code: 009-18-000034**

Schedule Docket No. Head of Account: **P-3261** **Est.Cost: Rs. 20.00 Lakhs** D.R.No. :

Name of Work (as per sanctioned estimate: Construction of Yoga Centre at First Floor Library Building at HMT Layout 1st Block to Ward No. 09, (Vidyaranyapura), Vidyaranyapura Sub Division.

Name of Contractor and Full Address: ***Sri. D.V Kumar, # 657, 5th Main Road, L.G. Ramanna Layout, Laggere, Bangalore - 560 058.***

Reference to Agreement No. **EE/BTP/BBMP/ E-PMT/12(32224)/WO/253/2018-19** Date: **28.02.2019**

Certified that the measurements were taken by me on 22/11/2019 and recorded of **Pages** 498801 **to** 498816 of measurement Book No. 4989/19-20 and that the work is satisfactorily executed.

D.V J4R
Contractor

Officer-in-charge of work

Certified that the measurement were taken by me on 22/11.....and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

II Memorandum of Payment

1) Total value of work done or supplies made as per account within	
2) Deduct amount to be held in reserve being .....percent Rs.....	
3) " Balance	
4) Deduct Payment:	
a. Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... Amount adjusted towards cash advance recovery of	
b. Payments Now made } cost store or other material supplied. recovery of amount creditable to this/other work Amount paid on this bill Cheque / Cash.	
5) Balance being unpaid value of work done held in reserve.	
6) Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.	
7) Net amount due to or from Contractor unadjustments items.	
8) Advance to Contractor for materials brought to site (as detailed) within.	
9) Value of Government materials supplied.	
Total amount adjusted -	

D.V J4R
Contractor's Signature

Received Rs..... (in words).....
.....
by cash and by adjustment of Payment as per memorandum
(in final settlement of all demands) (For use in the Office)

Witness
1.
2.

D.V J4R
Dated Signature of Contractor

Stamp

Paid by me by Cheque No.....Dated.....
Cash Rs.....
Dated.....

Initials of Officer making payment

Executive Engineer

Sl. No.		Unit
1	Providing and laying **cement concrete** using 20mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete for RCC works laid in 15 cm thick layers and well compacted including vibrating curing etc., with all lead and lift etc., complete. (exculsive of cost of steel and fabrication charges) - **Ready mixed Cement concrete for Beams, Staircase and Roof with M-20**	Cum
2	Providing and laying in position **reinforced cement concrete of Design mix M20** with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.460 cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works **in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc.,** including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications.	Cum
3	Providing and removing **centering, shuttering, strutting, propping** etc., for **columns, pillars, post and struts**, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications.	Sqm
4	Providing and constructing load bearing wall with solid concrete blocks of size 400x200x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 5.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications.	Sqm
5	Providing and laying in position **reinforced cement concrete of Design mix M20** with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.460 cum, with super plasticisers @ 3 litersexceeding 15 cms thick, vibrated for all works **in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc.,** including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications.	Cum
6	Providing and removing **centering, shuttering, strutting, propping** etc., and removal of form work for sides and soffits of **beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth** including cost of all materials, labour complete as per specifications.	Sqm
7	Providing and laying in position **reinforced cement concrete of design mix M20** with OPC cement @ 24kgs, with 12mm and down size graded granite metal coarse aggregates @0.05175cum and fine aggregtes @ 0.0345cum, with superplastisiser @0.225lts, machine mixed, well compacted for **plain chajja of 7.5 cms.** average thickness, upto ground floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete but excluding cost of reinforcement as per specifications.	Sqm
8	Providing and removing **centering, shuttering, strutting, propping** etc., for **chajjas, corbels** etc., including edges including cost of all materials, labour complete as per specifications.	Sqm
9	Providing and laying **cement concrete** using 20mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete for RCC works laid in 15 cm thick layers and well compacted including vibrating curing etc., with all lead and lift etc., complete. (exculsive of cost of steel and fabrication charges) - **Ready mixed Cement concrete for Beams, Staircase and Roof with M-20**	Cum
10	Providing and removing **centering, shuttering, strutting, propping** etc., and removal of form work for sides and soffits of **beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth** including cost of all materials, labour complete as per specifications.	Sqm
11	Providing and laying **cement concrete** using 20mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete for RCC works laid in 15 cm thick layers and well compacted including vibrating curing etc., with all lead and lift etc., complete. (exculsive of cost of steel and fabrication charges) - **Ready mixed Cement concrete for Beams, Staircase and Roof with M-20**	Cum
12	Providing and removing **centering, shuttering, strutting, propping** etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness above 200 mm including cost of all materials, labour complete as per Specification.	Sqm
13	Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to **ceiling** including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.	Sqm
14	Providing and laying in position **reinforced cement concrete of design mix M20** with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.46cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works **in ground floor level for roof slabs, staircase, lintles, and beams retaining walls, return walls, walls (any thickness) including attached plasters, columns, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc.,** including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications.	Cum

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
-	-	8.10	6682.66	54130.00	8.10	54130.00	
-	-	1.94	6889.54	13366.00	1.94	13366.00	
-	-	28.47	416.03	11844.00	28.47	11844.00	
-	-	171.93	1099.19	188984.00	171.93	188984.00	
-	-	1.53	6889.54	10541.00	1.53	10541.00	
-	-	15.27	296.68	4530.00	15.27	4530.00	
-	-	8.10	524.02	4245.00	8.10	4245.00	
-	-	8.10	312.59	2532.00	8.10	2532.00	
-	-	3.29	6682.66	21986.00	3.29	21986.00	
-	-	20.13	296.68	5972.00	20.13	5972.00	
-	-	13.95	6682.66	93223.00	13.95	93223.00	
-	-	84.65	442.18	37431.00	84.65	37431.00	
-	-	84.65	225.07	19052.00	84.65	19052.00	
-	-	2.34	7056.63	16513.00	2.34	16513.00	

Sl. No.		Unit
15	Providing and removing **centering, shuttering, strutting, propping** etc., and removal of form work for **Stairs** (excluding landing) except spiral staircase including cost of all materials, labour complete as per specificaiton.	Sqm
16	Providing and laying integral cement based waterproofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc., consisting of following application. (a) Applying and grouting a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with proprietary water proofing compound conforming to IS:2645 over the RCC slab after cleaning the surface before treatment. (b) Laying cement concrete using broken brick bats 25mm to 100mm size with 50% of cement mortar 1:5 admixed with proprietary water proofing compound conforming IS:2645 over 20mm thick layer of cement mortar 1:5 admixed with proprietary water proofing compound to required slope and treating similarly the adjoining walls upto 300mm height including rounding off junctions of walls and slabs. (c) After two days of proper curing, applying a second coat of cement lurry admixed with proprietary water proofing compound (d) Finishing the surface with 20mm thick jointless cement mortar of mix 1:4 admixed with proprietary water proofing compound and finally finishing the surface with trowel and neat cement slurry and making of 300x300mm square. (e) The whole terrace so	Sqm
17	Providing and fixing in position **collapsible steel shutters** with single or double leaf with vertical channel 20mmx10mmx2mm braced with flat iron diagonals 20mmx5mm size, with top and bottom rails of T iron sections of 40x40x6 mm with 38mm dia steel pulleys complete with bolt and nuts, locking arrangements, stoppers, handles on both sides with 7.5cms openings at 10 cms. c to c applying a priming coat of red lead paint. cost of materials, labour, HOM of machinery complete as per specifications. **size of gate 2.4mx1.4m**.	Sqm
18	Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete as per specifications.	Cum
19	Providing and fixing in position fully panelled Honne wood shutters for doors, styles and **rails of 40mm**. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures)	Sqm
20	Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications.	Kgs
21	KSRB 7.10 : Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using double track window frame section of size 61.85x31.75mm. with 1.2mm thick, bottom section weight 0.695 kg/m, sides and top sections 1.3 mm. thick weight 0.659 kg/m; and shutter comprising top and bottom section of size 40mmx18mm, 1.25mm thick 0.417 kg./m; shutter outer side 40mmx18mm, 1.25mm.thick weight 0.417 kg/m, shutter interlock section 40mmx26.7mm, 1.1mm thick, weight 0.469 kg/m. the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; and providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted in the assembled frame stiffened with end clips at corners angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be with necessary steel screws, raul plugs, or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar, aluminium sections pretreated for removal of any	Sqm
22	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.	Sqm
23	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. **(Outside Wall)**	Sqm
24	Providing and fixing for flooring **20mm thick gang saw water cut sadarhalli gray granite in CM 1:4** proportion, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, groves in joints including cost of curing - **minimum width of 1200mm**	Sqm
25	Providing and fixing granite flooring in combination of 19mm thick (Avg) gang saw water cut LAKARED granite with 86% and with 14% of 19mm thicl (avg) Black granite in CM 1:4 proportion with a coat of rough plastering using CM 1:4, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, grooves in joints including cost of curing etc., complete including cost and conveyance of all materials, labour for all items of work, HOM of equipment etc., complete as per specification.	Sqm
26	Providing and **applying two coats with oil bound washable distemper** of approved brand and shade on wall surface including priming coat with distemper primer after throughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications.	Sqm

Unit	Previous Measurement		Present Measurement			Total Upto Date		Remarks
	Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
Sqm	-	-	15.60	545.62	8512.00	15.60	8512.00	
Sqm	-	-	93.03	1027.58	95596.00	93.03	95596.00	
Sqm	-	-	2.52	4584.31	11552.00	2.52	11552.00	
Cum	-	-	0.12	116915.28	14030.00	0.12	14030.00	
Sqm	-	-	2.52	5277.70	13300.00	2.52	13300.00	
Kgs	-	-	340.20	94.35	32098.00	340.20	32098.00	
Sqm	-	-	16.20	4343.33	70362.00	16.20	70362.00	
Sqm	-	-	142.71	285.31	40717.00	142.71	40717.00	
Sqm	-	-	238.30	256.89	61217.00	238.30	61217.00	
Sqm	-	-	88.76	2259.19	200526.00	88.76	200526.00	
Sqm	-	-	12.87	4230.80	54450.00	12.87	54450.00	
Sqm	-	-	142.71	82.41	11761.00	142.71	11761.00	

Sl. No.		Unit
27	Providing applying two coats of **wall putty** to inside plastered walls and ceiling using white cement putty. Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using *different grade sand papers, including cost of all materials, cost of labour and scaffolding etc., complete as per* the specification.	Sqm
28	Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. - with primer.	Sqm
29	Providing white washing to new wall surface in two coats with lime of approved quality, to give an even shade including cost of materials, labour, complete as per specifications.	Sqm
30	Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications.	Sqm
31	Providing **T.M.T steel reinforcement for R.C.C work** including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 - **TMT bars Fe 500**	Tonne
	Total	

CERTIFICATE

1. Certified that the above work done satisfactory and no materials issued from departmentally.

AE 10.09

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
-	-	142.71	67.07	9572.00	142.71	9572.00	
-	-	238.30	98.89	23565.00	238.30	23565.00	
-	-	238.30	12.50	2979.00	238.30	2979.00	
-	-	81.00	96.62	7826.00	81.00	7826.00	
-	-	6.03	68891.98	415419.00	6.03	415419.00	
				1557831.00		**1557831.00**	

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97